



10 619 796

*Pfw*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Francis X. Canning  
Filed: July 15, 2003  
For: SPARSE AND  
EFFICIENT BLOCK  
FACTORIZATION  
FOR INTERACTION  
DATA  
Atty. Docket.: CANNING.001CP2

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 21, 2010

(Date)

*John R. King*  
John R. King, Reg. No. 34,362

COMPACT DISC TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Examiner Day requested that the computer program listing included in the original patent application be submitted in "ASCII" format on a compact disc.

Accordingly, submitted herewith in compliance with 37 C.F.R. § 1.96, is a computer program listing on compact disc along with an identical duplicate. Each compact disc complies with the following:

- (i) Computer Compatibility: IBM PC/XT/AT, or compatibles;
- (ii) Operating System Compatibility: MS-Windows;
- (iii) Line Terminator: ASCII Carriage Return plus ASCII Line Feed;
- (iv) Control Codes: the data is not dependent on control characters or codes which are not defined in the ASCII character set; and
- (v) Compression: contains uncompressed data.

In addition, the content of each compact disc contains the identical file entitled "CANNING001CP2\_ComputerPgm.txt" which is 37 KB in size, and was created on April 21, 2010.

Atty. Docket No. : CANNING.001CP2  
Filed : July 15, 2003

If further issues remain to be resolved, the Examiner is cordially invited to contact the undersigned such that any remaining issues may be promptly resolved.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 4-21-2010

By: John R. King  
John R. King  
Registration No. 34,362  
Attorney of Record  
2040 Main Street  
14<sup>th</sup> Floor  
Irvine, CA 92614  
(949) 760-0404

8926280:ad  
042110